ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

TOWN OF CHELMSFORD

TOGETHER WITH THE

SCHOOL REPORT

FOR THE

YEAR ENDING FEB. 28, 1893.

LOWELL, MASS.
VOX POPULI PRESS, 130 CENTRAL STREET.
1893.

Officers of the Town of Chelmsford, 1892.

Selectmen, Assessors, and Overseers of the Poor—EBEN T. ADAMS, GEORGE F. SNOW, MARTIN ROBBINS, ELISHA H. SHAW, NEWELL E. PARKER.

Town Clerk—GEORGE A. PARKHURST.

Town Treasurer—EDWIN H. WARREN.

Auditors—ZIBA GAY, EDWARD F. RICHARDSON, HENRY S. PERHAM.

School Committee—Three years: GEORGE A. BYAM, HUBERT BEARCE, JOHN H. WHIDDEN (resigned), JOSEPH A. PARKHURST; two years: J. ADAMS BARTLETT, ORRIN PIERCE, LUTHER C. UPHAM (resigned), WILLIAM L. GORDON; one year: FRANK C. BYAM, RILEY DAVIS, HENRY R. HODSON.

Collector of Taxes—WILLIAM L. GORDON.

Superintendent of Streets—DANIEL W. LANE.

Constables—JAMES P. EMERSON, FRED E. NASON, DAVID A. POLLEY, JOHN H. WHIDDEN, SAMUEL J. GARLAND, GEORGE F. DYAR.

Fence Viewers—JAMES P. EMERSON, ALBION J. LAMPHERE, DANIEL P. BYAM.

Appraisers of Personal Property at the Town Farm—JAMES P. EMERSON, DANIEL P. BYAM, CHARLES A. HOLT.

Weighers of Hay—MARCUS H. WINSHIP, EBEN T. ADAMS, ELISHA H. SHAW, JAMES P. EMERSON, DANIEL W. BICKFORD, HENRY H. EMERSON, S. WALDO PARKHURST, ARTHUR I. EMERSON.

Measurers of Wood—S. WALDO PARKHURST, ARTHUR I. EMERSON, NEWELL E. PARKER, ELISHA H. SHAW, JAMES P. EMERSON, MARCUS H. WINSHIP.

Surveyors of Lumber—R. WILSON DIX, ELI P. PARKER, EDWIN K. PARKHURST, GEORGE E. SPAULDING, E. LINCOLN RUSSELL, STEWART MCKAY.

Field Drivers—FRED L. FLETCHER, ALECK J. PARK, DAVID A. POLLEY.

Sealer of Weights and Measures—TRUE MORTON.

Weighers of Coal—S. WALDO PARKHURST, ARTHUR I. EMERSON, MARCUS H. WINSHIP, DANIEL W. BICKFORD, ELISHA H. SHAW, MYRON A. QUEEN.

Fish Warden—DAVID A. POLLEY.

Superintendent of Almshouse—SIMON H. NASON.

Superintendents of Burials—LEWIS K. HOWARD, DANIEL P. BYAM, ARTHUR H. SHELDON, JOHN H. WHIDDEN.

Firewards—STEWART MCKAY, CHARLES F. SCRIBNER, JOHN O'CONNOR, FRED E. NASON, ALMON W. HOLT, DANIEL P. BYAM, WARREN BERRY, FRANK C. BYAM, MARCUS H. WINSHIP.

Forest Firewards—AMOS B. ADAMS, WARREN BERRY, GEORGE F. SNOW, CHARLES H. HOLT.

Registrars of Voters—NATHAN B. EDWARDS, LEWIS M. DUTTON, JOHN F. MCMANOMIN, GEORGE A. PARKHURST.

Precinct Wardens—One: EBEN R. MARSHALL, WARREN BERRY; two: ARTHUR H. SHELDON, CHARLES H. DUTTON; three: ALFRED G. PARKHURST, EUGENE W. S. DUTTON.

Precinct Clerks—One: JOSEPH E. WARREN; two: FRED K. RIPLEY; three: MARCUS H. WINSHIP.

Precinct Inspectors—One: WALTER PERHAM, ALMON W. HOLT; two: GEORGE HYDE, HUBERT BEARCE; three: WILLIAM H. BROWN, JOSEPH G. QUESSEY.

Deputy Precinct Inspectors—One: FRANK E. BICKFORD, DANIEL P. BYAM; two: WILLIAM QUIGLEY, JOHN C. HOBBS; three: SAMUEL NAYLOR, EDWIN COBURN.

REPORT OF THE TOWN CLERK

For the Year ending Feb. 28, 1893.

BIRTHS.

Males	27
Females	23
Total	50
Births of native parentage	22
Births of foreign parentage	21
Births of native and foreign parentage	7

NOTE.—Births occurring late in the year are sometimes returned without the Christian name. In all such cases parents should return the name to the Town Clerk as soon as selected, *as an incompleteness of the record may involve much trouble in the future.*

MARRIAGES.

Whole number	18
Between natives	11
Between natives and foreigners	7
Chelmsford grooms	9
Chelmsford brides	10
Solemnized in Chelmsford	9

DEATHS.

Date.	*Names.*	*Yrs.*	*Mos.*	*Dys.*
Jan. 5	Samuel Putney	83		19
5	Edward Fahey	61	9	
19	Abbot Russell	81	3	19
19	Stephen D. Dutton	70	5	19
19	Si as Holden	71	1	8
22	Betsey B. Holden	73	7	15
23	Asa Preston	88	9	5
23	Thomas T. French	77		

Date.	Names.	Yrs.	Mos.	Dys.
Jan. 27	Abigal B. H. Tuck	68	10	4
30	William Tuck	79	10	
30	Rebecca Cummings	66	3	22
31	Abigail S. Kimball	70	8	15
31	Johanna Reardon	55		
Feb. 3	John Fay	60		
12	Guy L. Hill		5	4
14	Clara F. Holt	91	1	12
16	Thomas Traynor	46		
22	Wilfred Menard			28
27	Sanford Hazen	80	7	17
March 4	Moranda E. Hooper	37		
6	Eliza A. Hildreth	82	7	18
8	Frank H. Favor	50	11	2
13	Margaret Mills	79		
14	Jane E. Draper	55	7	25
19	John McCoy	68		
23	Joseph A. Hadley	71	3	
25	Celina Cariveau	1	5	
27	John A. Foley	45		
28	Sarah E. Proctor	65	7	
28	Charles W. Hutchins	24		
31	Charles E. Bowers	23	10	15
April 1	Lemuel W. Redding	44	4	13
12	Francis H. Rowell	52	11	10
18	Victor Swanson	4	2	25
19	Tristram F. Palmer	74	10	19
24	Albert E. Putney	26	9	22
27	William Swett	84	3	2
28	Jonathan Spalding	85	7	8
June 11	Henry D. Kallenbach	14	10	7
17	Sarah E. W. Fish	59	4	
23	Mary McMahon	61		
July 2	Harriet B. Read	91	2	2
3	Anna Tanga			3
10	Male child of Charles G. and Lillia Walker.			
22	Linnie E. Googan		2	4
29	Joseph A. Trembley		1	27
Aug. 23	Mary McManomin	56		
28	Margaret Tobin			
29	Francis J. Joyce		3	
Sept. 1	Sarah Kerins		5	13
6	Charles H. Worden	52	9	2
9	John J. Richardson		6	27
12	Abbie E. Sanborn	51	10	
13	Mabelle E. Fletcher	24		12
25	Zilphia Foster	78		

Date.	Names.	Yrs.	Mos.	Dys.
Sept. 27	Lucy A. Davidson	84	3	22
Oct. 8	Lillie G. Kettlety		5	9
9	Amos A Byam	84	1	
10	James B. Coburn	73	8	1
12	Albina Bedard		1	9
13	Mary A. Foye	80		
20	Honora Crowley	50		
21	Daniel Cummings	22		
28	Austin F. Howard	22	2	17
Nov. 6	John Higgins	67		
9	Patrick Kiernan	68		
10	Lucinda Parkhurst	69	11	21
12	Benjamin P. Marshall	81	11	24
18	John L. Warley	65	2	13
20	Ann Sheridan McPhillips	30		
Dec. 24	Solomon S. Sleeper	81	4	1
31	Isaac Adams	84	8	8

Males, 42; females, 30; total, 72.

DOG LICENSES.

EAST CAMBRIDGE, MASS., June 2, 1892.

Received of George A. Parkhurst, Town Clerk of Chelmsford, Mass., one hundred and fifteen and $\frac{20}{100}$ dollars, on account of dog licenses, as per his return of June 1, 1892.

$115.20 J. O. HAYDEN, *County Treasurer.*

EAST CAMBRIDGE, MASS., Nov. 29, 1892.

Received of George A. Parkhurst, Town Clerk of Chelmsford, Mass., three hundred dollars, on account of dog licenses, as per his return of Nov. 29, 1892.

$300. J. O. HAYDEN, *County Treasurer.*

Number of dogs licensed	199
Males	180
Females	19
Amount received for licenses	$455 00
Amount of fees, 20 cents per license	39 80
Paid to the County Treasurer	415 20
92 per cent. refunded	381 98

GEORGE A. PARKHURST,
Town Clerk.

REPORT OF THE TOWN TREASURER.

For the Year ending February 28, 1893.

Your Treasurer charges himself with cash balance in treasury, as found at last annual settlement	$	836 73
With cash received as follows: Of		
State Treasurer, as State Aid for 1891		626 00
" " Relief to Indigent Soldiers and Sailors		145 50
" " on account of Corporation tax for 1891,		46 82
" " on account of Corporation tax for 1892,		1,701 29
" " on account of National Bank tax for 1892,		1,155 69
" " on account of Armory rent		100 00
" " on account of income of Massachusetts school fund		324 41
" " on account State paupers		26 00
County Treasurer, on accout of dog licenses for 1892		381 98
Clerk of Police Court, Lowell, on account of fines		322 06
City of Lowell, on account of aid to paupers		82 76
City of Somerville, on account of aid to paupers		175 12
Matthias Hutchins, on account of hospital bills		107 71
R. S. Ripley, on account of tuition of non-resident pupils school No. 8		14 40
J. H. Whidden, on account of tuition of non-resident pupils school No. 9		7 75
F. A. Page, on account of tuition of non-resident pupils school No. 1		3 00
L. K. Howard, on account of sale of lots in Centre Cemetery		14 00
J. H. Whidden, on account of sale of lots in West Chelmsford Cemetery		10 00
E. T. Adams, on account of sale of wagon pole		2 50
E. T. Adams, as Treasurer of I. O. of O. F. (Lodge No. 218), on account of use of Centre Town Hall		4 00
Amount carried forward		$6,087 72

Amount brought forward		$6,087 72
Horace Holt (at hand of E. T. Adams), for lot of sand		2 50
George F. Snow, on account of sale of school books and supplies		54 25
Harlan P. Goodale, as executor of Will of the late Bradley Marshall of Lowell, as a trust fund, for care of the Thomas Marshall family lot in Centre Cemetery		100 00
Cash received on account of taxes as follows: Of		
Martin Robbins, tax of 1890 in full		618 28
interest on taxes for 1890		68 97
tax of 1891		1,839 90
on account of interest on same		99 32
William L. Gordon, tax of 1892		15,017 51
on account of interest on same		91 85
Overseers of Poor, as proceeds of Town Farm for 1892,		1,088 05
Cash hired for use of Town, as temporary loan		3,500 00
Making a total of		$28,568 35

And is credited as follows:		
By cash paid State Tax for 1892	$	1,470 00
County Tax for 1892		1,641 29
Town Tax		60 48
For care of Kimball Lot in Centre Cemetery		5 00
For care of Emerson Lot in Centre Cemetery		5 00
Orders drawn for the municipal year 1892,		20,214 47
Temporary loan in full		3,500 00
As interest on the same		49 17
Balance in treasury, as found on settlement		1,622 94
		$28,568 35

E. H. WARREN,
Treasurer.

CHELMSFORD, March 3, 1893.

REPORT OF THE ASSESSORS.

For the Year ending Feb. 28, 1893.

VALUATION MAY 1, 1892.

Real estate (resident)	$1,345,685 00	
Real estate (non-resident)	227,860 00	
		$1,573,545 00
Personal estate (resident)	$279,280 00	
Personal estate (non-resident)	3,050 00	
		282,330 00
Total valuation of assessed estate		$1,855,875 00

Rate of taxation, $8.50 per $1,000 00	
Polls $2.00	
Number of polls	839
assessed on polls only,	342
assessed on property	921
Total number assessed	1,263
Number of horses assessed	563
cows assessed	1,039
swine assessed	194
fowl assessed	9,972
dwellings assessed	662
acres of land assessed	14,213
Valuation of buildings	838,555 00
Valuation of land	734,990 00

TAXES.

State tax	$1,470 00	
County tax	1,641 29	
Appropriation for public schools	6,000 00	
school incidentals	400 00	
text-books and supplies	600 00	
school apparatus	200 00	
support of poor	2,300 00	
highways	4,500 00	
repairs of public buildings	800 00	
indigent soldiers and sailors	150 00	
town officers and committees	900 00	
collection and abatement of taxes	300 00	
enforcement of liquor law	150 00	
care and improvement of cemeteries	200 00	
Memorial Day	50 00	
well and pump at No. Chelmsford Cemetery	125 00	
preparing military record of Chelmsford soldiers	75 00	
enlargement of Cemetery So. Chelmsford	550 00	
well and pump for cemetery at So. Chelmsford	50 00	
purchase of Gravel bank at E. Chelmsford	25 00	
miscellaneous expenses	300 00	
transcribing ancient Town Records	200 00	
running Village clock Chelmsford Centre	30 00	
fire apparatus at No. Chelmsford	500 00	
		$21,516 29
Amount carried forward		$21,516 29

Amount brought forward.....		$21,516 29
Overlayings.....		66 64
		$21,582 93
Less estimated receipts.....		3,100 00
		$18,482 93
Less appropriations from treasury.....		1,030 00
Total tax committed.....		$17,452 93
Tax on 839 polls.....	$ 1,678 00	
Tax on property.....	15,774 93	
		$17,452 93

MISCELLANEOUS.— CHANGES IN THE STATE THE PAST YEAR.

The valuation of buildings has increased.....	$40,858,418 00
land has increased.....	34,251,768 00
personal estate has increased.....	12,872,631 00
Total increase.....	$87,982,817 00

Number of horses assessed.....	185,113
cows assessed.....	194,980
sheep assessed.....	47,092
swine assessed.....	30,866
fowl assessed.....	799,390
dwelling houses assessed.....	372,545
acres of land assessed.....	4,504,273
Increase in number of horses.....	3,408
Decrease in number of cows.....	3,330
Decrease in number of sheep.....	444
Decrease in number of swine	9,910
Increase in number of fowl.....	155,381
Increase in number of dwelling houses...	11,479
Increase in number acres of land.....	6,261

Average rate of tax, $14.58 on $1,000.

Highest rate, $26.00 on $1,000, in town of Granville, county of Hampden.

Lowest rate, $4.67 on $1.000, in town of Gosnold, county of Dukes.

There are 28 cities and 324 towns.

No cities, and but 19 towns have a less tax rate than Chelmsford.

GEO. F. SNOW,
MARTIN ROBBINS,
NEWELL E. PARKER,
ELISHA H. SHAW,
EBEN T. ADAMS,
Assessors.

COLLECTOR'S REPORT.

COLLECTOR'S REPORT FOR 1890.

Taxes on list of 1890, uncollected Feb. 28, 1891.....	$618 28	
Uncollected interest on same, Feb. 28, 1891.	61 32	
Interest accrued since Feb. 28, 1891.....	7 65	
		$687 25
Cash paid Town Treasurer as tax..	$618 28	
Cash paid Town Treasurer as interest.....	68 97	
		$687 25

MARTIN ROBBINS,
Collector for 1890.

COLLECTOR'S REPORT FOR 1891.

Taxes on list of 1891, uncollected, Feb. 28, 1892.....	$2,756 04	
Interest on same to Feb. 28, 1892.....	80 38	
Interest accured since Feb. 28, 1892.... ...	83 06	
		$2,919 48
Cash paid Town Treasurer as tax.....	$1,839 90	
Cash paid Town Treasurer as interest.....	99 32	
Uncollected taxes to new account.....	916 14	
Uncollected interest to new account.... ...	64 12	
		$2,919 48

MARTIN ROBBINS,
Collector for 1891.

COLLECTOR'S REPORT FOR 1892.

Tax list for 1892	$17,452 93	
Additional taxes	50 88	
Interest collected since Oct. 1, 1892	91 85	
Accured interest on uncollected taxes	72 50	
		$17,668 16
Cash paid Town Treasurer as tax	$15,017 51	
Cash paid Town Treasurer as interest	91 85	
Uncollected taxes to new account	2,486 30	
Accured interest to new account	72 50	
		$17,668 16

WILLIAM L. GORDON,
Collector for 1892.

REPORT OF THE SELECTMEN

For the Year ending Feb. 28, 1893.

PUBLIC SCHOOLS.

PAID FOR TEACHING.

No. 1, Susie M. Emerson, 36 weeks	$636 00	
1, Edith W. Emerson, 12 weeks	108 00	
1, M. E. Parkhurst, 24 weeks	216 00	
1, Hattie A. Snell, 12 weeks	108 00	
1, Lillian L. Sproat, 23 weeks	207 00	
1, Carrie L. Adams, 35 weeks	315 00	$1,590 00
2, Blanche M. Bassett, 12 weeks	96 00	
2, Isabelle A. Nauss, 24 weeks	192 00	288 00
3, Celia P. Battles, 12 weeks	108 00	
3, Mary W. Baker, 24 weeks	216 00	324 00
4, F. G. Flanders, 24 weeks	204 00	
4, Alice I. Smith, 12 weeks	102 00	306 00
5, Ida E. Byam, 11⅔ weeks	91 20	
5, Harriet B. Witherell, 19 weeks	152 00	
5, Grace E. Mansfield, 4⅔ weeks	35 20	278 40
6, Helen Hadley, 36 weeks	324 00	324 00
8, John Q. Hayward, 12 weeks	252 00	
8, Arthur W. Trubey, 24 weeks	504 00	
8, Ellen A. Cook 36 weeks	324 00	
8, Winefred Miller, 36 weeks	324 00	
8, Laura S. Hoyt, 36 weeks	324 00	1,728 00
9, Ella A. Hutchinson, 32 weeks	288 00	
9, Agnes Naylor, 36 weeks	324 00	612 00
		$5,450 40

CARE OF SCHOOL BUILDINGS.

No. 1, Gasper Elliott, care		$ 90 00
2, Walter E. Morse, care	10 00	
2, David Kelley, care	6 00	16 00
Amount carried forward		$106 00

Amount brought forward		$106 00
No. 3, Celia P. Battles, care	6 00	
3, Johnnie Emerson, care	6 00	
3, Ernest Carr, care	7 20	
3, F. C. Byam, cleaning	3 40	22 60
4, Frank A. Melvin, care	18 00	
4, Mrs. Crooker, cleaning	2 40	20 40
5, Arnold Byam, care 1891 and 1892	28 00	
5, Geo. A. Byam, cleaning	5 00	33 00
6, John Hoare, care	18 00	
6, Orrin Pierce, cleaning	2 00	20 00
8, Chas. E. Hyde, care	36 00	
8, Gardner Ripley, care	78 00	
8, Gardner Ripley, cleaning	50	114 50
9, John Knowles, care	30 00	
9, Mrs. Charlesworth, cleaning	35 70	
9, J. A. Parkhurst, carrying water for cleaning	3 25	68 95
		$385 45

SCHOOL FUEL.

No. 1, Harry L. Parkhurst, 41,010 coal at $7.00 per ton	$143 56	$143 56
2, E. L. Russell, 5¼ cords prepared wood,	31 75	
2, Luther C. Upham, housing wood	2 05	33 80
3, B. O. Robbins, 4 feet wood	3 00	
3, Warren Berry, 6 cords prepared wood,	35 62	38 62
4, I. L. Putnam estate, 3 cords prepared wood	21 00	
4, J. H. Hazen, ½ cord hard wood	1 50	
4, John Hoare, preparing wood	50	
4, E. L. Russell, kindling wood	2 75	25 75
5, Geo. A. Byam, 5 cords prepared wood,	28 50	
5, Geo. A. Byam, kindling wood	1 00	29 50
6, Wm. Redmond, 22¼ feet oak wood	15 45	
6, John Hoare, preparing wood	3 00	
6, P. D. & T. S. Edmonds, 1 cord wood,	4 00	22 45
8, C. L. Whittemore, 122 feet wood	76 25	
8, Geo. F. Keith, preparing wood	10 50	
8, Charles E. Hyde, preparing wood	95	
8, Chelmsford Foundry Co., 7,100 lbs. coal,	23 96	
8, Gardner Ripley, housing wood	5 00	116 66
9, J. H. Whidden, 13½ cords woods	64 50	
9, Joseph Winn, preparing 15 cords wood,	9 75	
9, John Knowles, preparing wood	45	74 70
		$485 04

SCHOOL INCIDENTALS.

Geo. F. Snow, Superintendent	$200 00	$200 00
Riley Davis, services as Secretary of School Board	10 00	10 00
No. 1, S. W. Parkhurst, supplies 1889–90	6 37	
1, S. W. Parkhurst, supplies 1891–92	2 54	
1, E. R. Marshall, repairing table	3 00	
1, H. H. Wilder & Co., furnace grate	4 75	
1, Bartlett & Dow, supplies	96	17 62
2, F. G. Pratt, painting blackboards	3 00	3 00
3, Geo. H. Holt, pump	15 00	15 00
4, Riley Davis, supplies	6 45	
4, S. W. Parkhurst supplies 1888–'89, and '90	3 53	9 98
5, Geo. A. Byam, supplies and repairs	16 85	16 85
6, Orrin Pierce, supplies	3 40	
6, F. G. Pratt, painting blackboards	2 50	5 90
8, Chas. E. Adams, supplies	5 00	
8, Michael Harrington, labor	1 00	
8, Thompson Hardware Co., wire mats	14 10	20 10
9, W. T. Bradley, 6 chairs	3 50	
9, John Knowles, labor and supplies	3 70	
9, F. G. Pratt, painting blackboards	11 70	
9, Geo. H. Holt, painting pump	75	19 65
		$318 10

SCHOOL TEXT–BOOKS AND SUPPLIES.

Boston School Supply Co., books and supplies	$15 50
Ginn & Co., books	43 90
Porter & Coates, books	28 80
Wm. M. Sargent, supplies	70 38
Geo. F. King & Merrill, supplies	29 00
Thompson, Brown & Co., books	11 25
Houghton, Mifflin & Co., books	29 08
University Publishing Co., books	14 17
American Book Co., books	44 73
Vox Populi Press, supplies	8 00
J. L. Hammett, supplies	119 22
Geo. S. Perry, supplies	17 90
Leach, Shewell & Sanborn, books	40 96
Strobridge Lithographing Co., supplies	12 05
Silver, Burdett & Co., books and supplies	76 05
Bacheller, Dumas & Co., rebinding books	8 00
Perry Mason & Co., supplies	4 00
Amount carried forward	$572 99

Amount brought forward	$572 99	
Lee & Shepard, books	4 34	
Greenough, Adams & Cushing, supplies	7 67	
J. Merrill & Son, supplies	2 51	
W. B. Clark, supplies	2 75	
American Express Co., express on books and supplies	13 35	
Geo. F. Snow, services and expenses buying and delivering books and supplies	50 00	
		$653 61

SCHOOL APPARATUS.

Prang Educational Co., apparatus	$46 32	
Balch Bros., reference books	8 00	
University Publishing Co., gazateers	33 00	
Talbot Dyewood & Chemical Co., chemicals	4 73	
Carlton & Hovey, chemicals	5 98	
Educational Publishing Co	2 34	
American Express Co., expressage	40	
		$100 77

SUPPORT OF POOR.

EXPENSES OUTSIDE OF ALMSHOUSE.

E. Shaw & Son, in aid of James Boynton	$35 50	
E. Shaw & Son, in aid of Mrs. James McEnnis,	36 00	
E. Shaw & Son, in aid of Mrs. Sheehan	76	$ 72 26
Danvers Lunatic Hospital, in aid of Catherine McMahon	174 77	174 77
City of Lowell, in aid of F. E. Russell and family	11 50	
City of Lowell, in aid of Mary E. Smith	6 70	18 20
Northampton Lunatic Hospital, in aid of Laura E. Bailey	169 92	169 92
Worcester Lunatic Hospital, in aid of Ella Hutchins	107 71	107 71
St. John's Hospital, in aid of Thomas Lawler,	104 56	104 56
Worcester Lunatic Hospital, in aid of Daniel Gilligan	84 50	84 50
Worcester Lunatic Hospital, in aid of James W. Dunn	42 71	42 71
Charles A. Vinal, in aid of Tramps	13 00	13 00
Geo. F. Snow, in aid of Wm. Foley and others,	3 50	3 50
Eben T. Adams, in aid of Frances Duquette and others	2 66	2 66
Amount carried forward		$793 79

Amount brought forward		$793 79
J. S. Wotton, in aid of Frank Howard	18 00	18 00
L. K. Howard, digging grave for Tramp	3 00	3 00
Arthur H. Sheldon, casket for Harriet B. Read	12 00	
Arthur H. Sheldon, burial of the same	4 00	16 00
Amasa Howard, in aid of Mrs. McEnnis	10 00	10 00
		$840 79

SUPPORT OF POOR.

EXPENSES AT ALMSHOUSE.

S. H. Nason, 12 months' service as superintendent		$375 00
E. W. Sweetser, meat and provisions	228 29	
F. S. Brown, meat and provisions	43 38	
M. A. Bean, meat and provisions	12 70	
W. R. Fowle, corned beef	12 67	
Jewett & Swift, beef	7 14	
J. F. Walsh, beef	6 18	
S. W. Parkhurst, groceries	437 57	
C. L. Smith, groceries	6 17	
William H. Brown, groceries and fish	10 07	764 17
Florence Furbish, labor	124 50	
George W. Chamberlain, labor	5 40	
Feremie Bourgenis, labor	9 50	
Mattie Towne, labor	1 00	
Katie Faye, labor	40	
Katie Perry, labor	8 00	
Charles E. Parkhurst, labor	2 15	
Mrs. Kelly, labor	5 70	
James Thompson, labor	3 50	
Henry G. L. Heureux, labor	5 65	
Hiram Blackmer, labor	35 52	
Joseph Alexander, labor	43 00	
S. H. Patten, labor	25 00	
E. M. Parlee, labor	14 86	
George W. Wright, labor	4 00	
Mrs. Webster, labor	1 73	
I. W. Brown, labor	40	
Mary Smith, labor	3 25	
Joseph Teabo, labor	7 50	
Amasa Howard, medical attendance	7 00	
E. H. Chamberlain, medical attendance	20 00	328 06
Amount carried forward		$1,467 23

Amount brought forward		$1,467 23
D. C. Perham, difference in cows		54 00
Harry L. Parkhurst, 8 tons coal		56 00
Harry L. Parkhurst, express		60
Charles M. Young, coffin for Zilpha Foster	12 00	
L. K. Howard, services as undertaker	6 00	18 00
J. H. Swett, difference in pungs	25 00	
D. P. Byam, one sled	26 00	51 00
A. B. Adams, 35 chestnut posts	5 45	
A. B. Adams, driving cows	2 00	7 45
T. Adams, bricks and cement		1 50
J. L. Chalifoux, clothing	10 81	
O'Donnell & Gilbride, dry goods	1 50	
A. G. Pollard & Co., dry goods	13 64	
C. A. Mitchell & Co., dry goods	4 11	
Cook & Taylor, dry goods	2 48	
F. G. Mitchell, dry goods	1 49	
N. Y. Cloak and Suit store, 2 wrappers	2 00	
J. E. Shanley, dry goods	24	
Mrs. Burrows, 100 yards calico	4 00	
Moir Bros., bonnet, etc.,	55	40 82
E. N. Wood & Co., plaster	40	
Connars Bros., cement	1 35	1 75
L. F. Howard, one cane		25
J. Clark Glidden, shoes	2 15	
Hjalmar Karlson, repairing shoes	2 00	
Hjalmar Karlson, repairing harness	2 60	6 75
W. S. Pierce, filing saws	1 05	
Charles T. Haskell, repairing clocks and keys	2 90	3 95
T. F. Severance, crackers and bread	21 88	
L. G. Moss, crackers and bread	55	22 43
N. J. Wier & Co., steam cooker and boiler	4 85	
N. J. Wier & Co., stove pipe, grate, and lining,	7 75	
N. J. Wier & Co., kettle and cans	70	13 30
John Keats, dressing hogs and marketing		9 25
Thomas Ward, whitewashing		3 50
Dutton Bros., grain	344 21	
Dutton Bros., ice	25 86	370 07
J. L. Chalifoux, clothing		63
George M. Wright, blacksmithing		23 53
W. B. Hood, toothpicks	05	
George P. Mansfield, apples	1 50	
W. L. Lamson, crockery	84	
C. F. Blanchard, box bug extinguisher	50	2 89
Bartlett & Dow, hardware		14 78
Amount carried forward		$2,169 68

Amount brought forward		$2,169 68
Goodyear Gossamar Co., supplies	25	
William H. Hills, medicine	2 10	2 35
H. Knowlton, standing grass		20 00
E. Woodman, tinware		50
H. F. Ebert, supplies		12 55
J. R. Parkhurst, plants	1 25	
H. D. Shadduck, one wringer	6 00	
W. H. Spalding, screens	1 50	
A. L. Kittredge, screens	1 80	
J. F. Puffer & Son, screens	3 60	
W. Gordon, cotton waste	3 80	
C. B. Coburn, supplies	2 98	
French & Puffer, supplies	12 28	33 21
A. B. Paasche, berries	3 00	
A. Ober, berries	95	
Mrs. Richardson, berries	90	
Gilbert Wright, berries	2 40	7 25
Putnam & Son, one pair pants		2 00
J. Breed, barbering		1 00
J. C. Donavan, fly net		1 50
U. S. Tea Co., tea	35	
A. Kimball, tobacco	1 00	
Charles E. Wilson, tobacco	1 00	
Chadwick & Arnold, tobacco	1 00	3 35
Benjamin M. Hildreth, standing grass	5 75	
Lowell Rubber Co., sheeting	1 50	
Knox & Carlton, tumblers	30	
Oliver Sanderson, liniment	75	
Dutton & Masters, soap	1 00	
J. W. Cassidy, 2 pairs hose	50	
John P. Eaton, pig	6 00	
J. W. Blodgett, 1 bushel onions	1 25	17 05
C. H. Baldwin, fish		13 14
William Dupee, making cider	82	
Mrs. A. P. Stevens, 4 bbls. apples	2 00	
John True, 1 bbl. cabbage	90	
T. Costello, 1 iron	1 80	
Adams & Co., 3 yds. oil cloth	1 50	
J. P. Emerson, 1 pig	4 00	
William McLarney & Co., baker	1 50	12 52
George H. Holt, pump, pipe, etc.,		42 25
Martin Robbins, services and expenses as overseer of the poor		28 55
George F. Snow, services and expenses as overseer of the poor		10 00
Amount carried forward		$2,376 90

Amount brought forward		$2,376 90
Eben T. Adams, services and expenses as overseer of the poor		24 00
		2,400 90
Proceeds of Town Farm		1,088 05
Total expense of poor at Almshouse		$1,312 85
Paid for outside poor		840 79
Received on account of outside poor:		
From City of Lowell on account of aid to paupers	82 76	
From City of Somerville, aid to paupers	175 12	
From State paupers	26 00	
From Mathias Hutchins, on account of hospital bills	107 71	391 59
Expense of outside poor		$ 449 20
Expense of poor at Almshouse		1,312 85
Total		$1,762 05

Inmates, 7; males, 5; females, 2; tramps, 543.

MARTIN ROBBINS,
GEO. F. SNOW,
NEWELL E. PARKER,
ELISHA H. SHAW,
EBEN T. ADAMS,
Overseers.

APPRAISAL OF PERSONAL PROPERTY AT TOWN FARM, MARCH 1, 1893.

7 cows	$275 00
1 farm horse	150 00
2 yearling heifers	28 00
2 shoates	14 00
45 hens	22 50
1 farm harness	12 00
1 driving harness	10 00
1 pair double harnesses	12 00
1 cart harness	3 00
1 farm wagon	48 00
1 square wagon	30 00
1 Democrat wagon	41 00
1 horse sled	25 00
Amount carried forward	$670 50

Amount brought forward	$670 50	
1 horse cart	22 00	
1 pung sleigh	30 00	
3 robes and blanket	20 50	
Grain	12 75	
1 hay cutter	5 00	
1 horse rake	10 00	
1 mowing machine	33 00	
2 harrows	8 50	
2 pig boxes	1 75	
Pine lumber	3 00	
Neck yokes and whiffletrees	5 25	
1 horse hoe	3 25	
Lot bedding	3 00	
3 plows	15 00	
1 grindstone	3 50	
1 wheelbarrow	3 00	
11¼ tons English hay	225 00	
3½ tons meadow hay	42 00	
12 cords manure	60 00	
Household furniture and bedding	261 31	
Provisions and supplies	353 97	
		$1,792 28

J. P. EMERSON,
D. P. BYAM,
Appraisers.

CHELMSFORD, MASS., March 1, 1893.

HIGHWAYS.

J. H. Wilson, labor with team		$ 12 00
Vinton McNutt, labor		1 20
Seth H. Patten, labor with team		2 50
J. S. Shed, axe handle and plow point		1 38
Dutton Bros., hay and grain	$202 26	
E. Shaw & Son, hay and grain	221 09	
John Byam, 12,220 lbs. hay	110 58	
H. P. Davis, 5,460 lbs. hay	53 23	
Wm. P. Foye, 1,515 lbs. hay	15 15	
J. P. Emerson, hay	6 85	609 16
E. Shaw & Son, breaking roads	41 67	
Warren Berry, breaking roads and sidewalks	3 40	
Luther Blodget, et al., breaking roads	30 10	
B. O. Robbins, et al., breaking roads	35 55	
Wm. Redmond, et al., breaking roads	44 30	
Amounts carried forward	$764 18	$626 24

Amounts brought forward	$764 18	$626 24
E. R. Parker, breaking roads	4 05	
R. Wilson Dix, breaking roads	21 10	
Geo. P. Mansfield, breaking roads	17 78	
Geo. E. Spaulding, breaking roads	15 45	
Sheehan Bros., breaking roads	7 75	
E. E. Dutton, breaking roads	16 30	
Fred L. Fletcher, breaking roads	15 00	
E. F. Richardson, breaking roads	5 10	
Frank St. Amour, breaking roads	3 00	
Arthur M. Warren, breaking roads	4 80	
J. P. Emerson, breaking sidewalks	18 50	283 85
Jacob Spaulding, 55 loads gravel, at 6c	3 30	
Solomon Spaulding, 225 loads gravel, at 10c,	22 50	
J. E. Warren, 100 loads gravel, at 7c	7 00	
J. A. Bartlett, 200 loads gravel, at 5c	10 00	
J. P. Emerson, 300 loads gravel, at 5c	15 00	
J. H. Butterfield, 525 loads gravel, at 10c	52 50	
E. F. Richardson, 225 loads of gravel, at 5c	11 25	121 55
S. W. Parkhurst, supplies	26 94	
H. F. Ebert, supplies	10 05	
George H. Smith, labor and supplies	25 01	
George W. Chamberlain, labor	11 25	
Seth P. Sampson, labor	7 50	
Geo. F. Snow, labor and expense	4 50	85 25
P. P. Perham, stone drag		5 00
E. Dutton, 16 stringers and 2 posts		12 40
F. G. Pratt, 3 guide boards		2 00
E. Shaw & Son, three horse collars and labor,		18 00
Jonathan Larcom, tool box and guide boards,		6 20
F. J. Whittermore, painting and lettering guide boards		14 25
John J. Wotton, painting tool box		50
Geo. E. Allen, reps. on scraper		9 90
J. P. Emerson, mowing Common and around Hall		3 25
A. L. Brooks, lumber	87 81	
A. B. Adams, one post	25	88 06
W. H. Choate, setting one tire	1 00	
C. F. M. Fish, blacksmithing	9 75	
Geo. M. Wright, blacksmithing,	54 47	
T. Durant & Son, blacksmithing	28 50	
F. J. Whittermore, blacksmithing	2 15	95 87
A. A. Evans, filing horses' teeth		2 50
C. B. Coburn & Co., paint for fence		10 85
Amount carried forward		$1,385 67

Amount brought forward		$1,385 67
Swett & Gould, 2,000 paving blocks	$96 00	
H. E. Fletcher, 3 covering stones and 25 bands	9 40	
H. E. Fletcher, one stone 70x40	4 20	109 60
H. E. Fletcher, widening bridge at North Chelmsford	711 55	
C. H. Dutton, labor on bridge at North Chelmsford	21 30	732 85
Brown Bros., 72 feet flagging stone		16 56
Bartlett & Dow, picks, etc		4 02
Fay Bros. & Hosford, one street blanket		1 75
E. L. Russell, repair bridge		1 00
Benj. M. Fiske, labor on sidewalk		16 87
H. Karlson, repairing harnesses		1 50
J. S. Wotton, rent of stable No. Chelmsford,		15 50
W. Monty, rent of stable No. Chelmsford		8 15
D. W. Lane, board of road men		628 24
Highway pay roll for March	154 02	
April	183 54	
May	163 00	
June	163 00	
July	161 50	
Aug	178 66	
Sept	184 53	
Oct	209 75	
Nov	136 10	
Dec	149 49	
Jan., 1893	137 23	
Feb	142 96	1,963 78
		$4,885 49

APPRAISAL OF HIGHWAY TEAMS AND TOOLS MARCH 1, 1893.

4 horses	$650 00
2 pairs double harnesses	90 00
2 two-horse carts	275 00
2 two-horse sleds	75 00
1 two-horse wagon	38 00
1 jigger	30 00
1 drag	4 00
2 plows	14 00
1 Champion scraper	125 00
Amount carried forward	$1,301 00

Amount brought forward	$1,301 00	
1 Chicago scraper	12 00	
1 Scoop scraper	3 50	
11 drills and 5 hammers	19 00	
20 lbs. powder	4 00	
3 iron crowbars	4 50	
15 shovels, $9.00; 8 picks, $4.00	13 00	
2 stone pickers, $1.00; 2 bush hooks, 75c.; 1 hoe, 35c	2 10	
2 axes, $1.75; 1 rope, 50c.; 1 saw, $1.25; 4 wedges, $1.00	4 50	
1 pair reins, $2.00; 2 long chains, $5.00	7 00	
3 pails, 60c.; 2 iron rakes, $1.00; 1 jack, $1.25,	2 85	
4 horse blankets	6 00	
2 eveners, $3.50; 1 pole, $1.50; 1 bog hoe, 75c.; 1 wrench, 50c.	6 25	
Hay and grain	15 00	
4 feed bags and 4 halters, $3.50; hames and chains, $2.00	5 50	
Lumber and posts, $6.00; 1 manure hook 50c.,	6 50	
Lot of old tools, $2.25; 1 neck yoke, $1.00; stable tools, $1.25	4 50	
1 collar, $4.00; 1 tool chest, $4.00; 2 stable brooms, $1.00	9 00	
2 lanterns, $1.50; 2 oil cans, 75c	2 25	
Axle grease and harness oil	1 25	
3 wrenches, 1 fork, 2 martingales	3 00	
		$1,432 70

J. P. Emerson,
D. P. Byam.
Appraisers.

Chelmsford, Mass., March 1, 1893.

REPAIRS OF PUBLIC BUILDINGS.

John Keats, labor on Centre Town Hall sheds,	$ 6 13	
H. H. Wilder & Co., labor and supplies Centre Town Hall furnace	7 14	$ 13 27
F. G. Pratt, painting Town Farm House	120 00	
F. G. Pratt, painting Town Farm House inside,	19 00	
F. G. Pratt, painting Town Farm barn	48 00	
F. G. Pratt, painting Schoolhouse (inside) No. 9	116 95	
F. G. Pratt, labor and supplies Schoolhouse No. 2	5 00	
F. G. Pratt, setting glass Centre Town Hall,	3 10	312 05
Amount carried forward		$325 32

Amount carried forward		$325 32
Geo. W. Chamberlin, repairs Centre Town Hall sheds	$3 75	
Geo. W. Chamberlin, repairs Town Farm	20 94	24 69
Burnham & Davis, 5000 shingles	20 00	20 00
Wm. H. Brown, painting ladder house, West Chelmsford	5 00	5 00
A. L. Brooks, lumber	9 80	9 80
Davis & Sargent, shingles, Town Farm Buildings	44 93	44 93
C. B. Coburn & Co., paint	4 82	4 82
D. W. Robbins, repairs Schoolhouse No. 9	49 82	
John Knowles, labor and supplies School house sheds No. 9	9 25	59 07
Chelmsford Foundry Co., labor and supplies Schoolhouse No. 8	2 54	
Howe Lumber Co., Schoolhouse No. 8	1 44	3 98
H. H. Wilder & Co., repairs on furnace Schoolhouse No. 1	4 93	
A. W. Holt, repairs Schoolhouse No. 1	75	5 68
		$503 29

CARE AND IMPROVEMENT OF CEMETERIES.

L. K. Howard, labor and expense in Cemetery, Chelmsford Centre	$61 95	
Nels Nelson, labor in Cemetery, Chelmsford Centre	9 00	
Wm. Grimwood, clipping hedge in Cemetery, Chelmsford Centre	9 50	
S. W. Parkhurst, supplies	1 68	
John H. Wilson, labor in Cemetery, Chelmsford Centre	20 60	$102 73
Daniel P. Byam, labor in Cemetery, South Chelmsford	6 50	6 50
Arthur H. Sheldon, labor in Cemetery, North Chelmsford	16 50	16 50
Wm. H. Brown, estate, et al., labor in Cemetery, West Chelmsford	7 85	
Geo. W. Bussey, labor West Chelmsford	6 48	
Wm. H. Brown, painting fence West Chelmsford	61 25	75 58
		$201 31

MEMORIAL DAY.

R. S. Ripley, expense	$31 36	
E. Shaw & Son, transportation	12 00	$43 36
J. P. Emerson, transportation	13 50	
Francis Hutchinson, transportation	1 40	14 90
		$58 26

WELL AT NORTH CHELMSFORD CEMETERY.

E. Shaw & Son, freight and supplies	$19 55	
T. Ballon, labor and supplies	86 47	
Brown Bros., supplies	7 50	
Geo. H. Holt, pump	16 50	
		$130 02

ENFORCEMENT OF LIQUOR LAW.

Trull & Wier, services in trial of J. Arlin	$40 00	
Simon B. Harris, services in trial of J. Arlin,	2 68	$42 68
Trull & Wier, services in trial of J. La-Mountain	35 00	
Frank Gordon, services in case of J. La-Mountain	10 49	45 49
D. A. Polley, services in trial of James Kennedy	3 46	3 46
J. T. McCoy, et al., enforcing liquor law	25 48	25 48
		$117 11

COLLECTION AND ABATEMENT OF TAXES.

Martin Robbins, abatement for 1890	$ 34 90	
Martin Robbins, abatement for 1891	143 99	
Martin Robbins, collecting of taxes, 1891	35 95	$214 84
Wm. L. Gordon, abatement for 1892	57 16	
Wm. L. Gordon, collecting taxes, 1892	302 18	359 34
		$574 18

STATE AID.

Paid under Chapter 301, Statutes of 1889	$809 00	
Paid under Chapter 279, Statutes of 1889	132 00	$941 00

PREPARING MILITARY RECORDS OF CHELMSFORD SOLDIERS.

Henry S. Perham, labor and expense on soldiers' records	$28 00	28 00

TRANSCRIBING TOWN RECORDS.

Henry S. Perham, labor and expense	$31 50	
Bacheller & Dumas, supplies	3 50	$35 00

RUNNING VILLAGE CLOCK.

C. E. A. Bartlett, treasurer, for running clock	$30 00	$30 00

DAMAGES.

Land taken by County Commissioners for widening street at North Chelmsford:		
Oliver Fiske, land damage	$ 50 00	
Lucy Woodward, land damage	5 00	
Patrick McManomin, land damage	100 00	
Timothy Sullivan, land damaged	30 00	
Percy Parker	60 00	
Henry K. Ferrin	60 00	
Joanna Brennan	15 00	
Peter Connors	15 00	
O. M. Green	5 00	
Clara A. H. Adams	10 00	
Sarah H. W. Parker, estate	40 00	$390 00

ENLARGEMENT OF CEMETERY AT SOUTH CHELMSFORD.

Benj. O. Robbins, two acres of land	$140 00	$140 00
A. P. Bateman, lumber for fence	21 73	
Emerson & Co., 12 lbs. white lead	96	
C. B. Coburn, lead and oil	5 48	28 17
Bartlett & Dow, wire and hinges	3 92	3 92
Geo. H. Robbins, plan of addition	9 00	9 00
Geo. P. Mansfield, clearing and grading land,	90 00	
D. P. Byam, labor	9 60	
Warren Berry, labor	5 00	
N. E. Parker, labor and expense	18 50	
Wm. Woods	12 00	135 10
		$316 19

WELL AND PUMP FOR CEMETERY AT SOUTH CHELMSFORD.

Warren Berry, digging well	$49 50	
N. E. Parker, making platform	2 75	
A. B. Adams, 50 chestnut posts	8 50	$60 75

TOWN OFFICERS AND COMMITTEES.

Edwin H. Warren, services and expenses as treasurer		$87 50
George A. Parkhurst, services as town clerk,	59 60	
George A. Parkhurst, services as registrar	28 40	88 00
Lewis M. Dutton, services as registrar		13 50
John F. McManomin, services as registrar		13 50
N. B. Edwards, services as registrar, 1891		12 00
Arthur H. Sheldon, services as registrar		8 75
J. E. Warren, services as clerk, Precinct 1	9 00	
E. R. Marshall, services as warden, Precinct 1,	6 00	
Warren Berry, services as warden, Precinct 1,	6 00	
Walter Perham, services as inspector, Precinct 1	3 00	
Daniel P. Byam, services as deputy inspector, Precinct 1	3 00	
Walter Perham, services as deputy inspector, Precinct 1	3 00	
A. W. Holt, services as inspector and deputy, Precinct 1	6 00	
Geo. H. Wilson, services as deputy inspector, Precinct 1	1 00	
Arthur M. Warren, services as deputy inspector, Precinct 1	1 00	
J. A. Bartlett, services as deputy inspector, Precinct 1	1 00	
Arthur E. Reed, services as deputy inspector, Precinct 1	1 00	40 00
Fred'k K. Ripley, services as clerk, Precinct 2,	9 00	
A. H. Sheldon, services as warden, Precinct 2,	5 40	
Charles H. Dutton, services as warden, Precinct 2	5 40	
Geo. Hyde, services as inspector, Precinct 2,	5 40	
Huburt Bearce, services as inspector, Precinct 2	5 40	
W. J. Quigley, services as deputy inspector, Precinct 2	2 70	
Amounts carried forward	$33 30	$263 25

Amounts brought forward	$33 30	$263 25
J. C. Hobbs, services as deputy inspector, Precinct 2	2 70	36 00
M. H. Winship, services as clerk, Precinct 3,	6 00	
A. G. Parkhurst, services as warden, Precinct 3	4 50	
E. W. S. Dutton, services as warden, Precinct 3	4 50	
Joseph G. Quessey, services as inspector, Precinct 3	4 50	
Wm. H. Brown, services as inspector, Precinct 3	4 50	24 00
C. A. Holt, services as fireward		6 00
David A. Polley, services as constable	49 74	
David A. Polly, services as truant officer	9 90	59 64
James P. Emerson, services as constable	51 90	
James P. Emerson, services as appraiser	3 00	54 90
John H. Whidden, services as constable	12 00	
John H. Whidden, services as truant officer,	1 00	13 00
S. J. Garland, services as constable	7 00	7 00
T. J. McCoy, services as constable, 1891	3 00	3 00
D. P. Byam, services as appraiser	3 00	3 00
Eben T. Adams, services as selectman	80 00	
Eben T. Adams, expenses as selectman	12 00	
Eben T. Adams, services and expenses on account of electric road	21 00	113 00
Geo. F. Snow, services as selectman	45 00	
Geo. F. Snow, expenses as selectman	15 00	
Geo. F. Snow, services and expenses on electric road	30 00	90 00
Martin Robbins, services as selectmen	37 50	
Martin Robbins, expenses as selectman	14 00	
Martin Robbins, services and expenses on account of electric road	19 00	70 50
Newell E. Parker, services as selectman	49 00	
Newell E. Parker, expenses as selectman	18 80	
Newell E. Parker, services and expenses on account of electric road	15 00	82 80
Geo. F. Snow, services as assessor	76 00	
Geo. F. Snow, expenses as assessor	14 00	90 00
Eben T. Adams, services as assessor	38 00	
Eben T. Adams, expenses as assessor	12 00	
Eben T. Adams, copying tax book	15 00	65 00
Martin Robbins, services as assessor	39 00	
Martin Robbins, expenses as assessor	13 00	
Martin Robbins, copying valuation book	25 00	77 00
Amount carried forward		$1,058 09

Amount brought forward		$1,058 09
Newell E. Parker, services as assessor	48 00	
Newell E. Parker, expenses as assessor	7 50	55 50
Ziba Gay, services as auditor	3 00	
Edward F. Richardson, services as auditor	3 00	
Henry S. Perham, services as auditor	3 00	9 00
		$1,122 59

MISCELLANEOUS EXPENSES.

Vox Populi Press, printing 700 Town and School Reports	$55 10	$55 10
Marden & Rowell, printing	5 25	
Marden & Rowell, supplies	1 75	7 00
Campbell & Hanscom, printing	2 00	2 00
Morning Mail Co., printing	4 50	4 50
Thomas Parkhurst, printing	1 65	1 65
Bacheller, Dumas & Co., rebinding books	3 00	3 00
Wm. M. Sargent, supplles	3 50	3 50
Lowell Courier Pub. Co., printing reward	9 00	9 00
Commonwealth of Mass., 2½ qr. reg. voters	2 50	2 50
Simon B. Harris, services in case of Commonwealth	8 67	8 67
Daniel M. Hayes, services in case of E. H. Clough	4 50	4 50
Geo. E. Newcomb, police badge	2 50	2 50
Bartlett & Dow, 3 pair hand-cuffs	12 00	
Bartlett & Dow, nails, zinc, and hooks	3 59	15 59
C. B. Coburn, oil and lead	8 83	8 83
Frederick A. Fisher, services and expenses in Electric R. R., No. Chelmsford, matters,	33 85	33 85
Geo. M. Wright, labor and expense on truck	6 75	
Geo. M. Wright, labor and expense on sheds,	1 97	8 72
Arthur H. Sheldon, reporting 23 deaths	5 75	5 75
J. H. Whidden, reporting 3 deaths	75	75
Oliver Fiske, use of rifle range for '92	2 50	2 50
Nichols & Co., supplies	81	81
C. F. Hatch, 6 bill boxes	3 00	3 00
Geo. H. Holt, repairs on pump, Center Hall	2 50	2 50
		$186 22

AGGREGATE OF APPROPRIATIONS, RECEIPTS, AND EXPENDITURES.

ACCOUNTS.	Appropriations.	Expenditures.	Surplus.	Deficit.
Schools, appropriation	$6,000 00			
School fund	324 41			
Dog tax	381 98			
Tuition, non-resident pupils	25 15			
Teaching		$5,450 40		
Care of houses		385 45		
Fuel		485 04	410 65	
Apparatus	200 00	100 77	99 23	
Incidentals	400 00	318 10	81 90	
Free text books, appropriation	600 00			
Receipts	54 25	653 61	64	
Support of poor, appropriation	2,300 00			
Receipts	1,479 64	3,241 69	537 95	
Highway, appropriation	4,500 00			
Receipts	5 00	4,885 49		380 49
State aid, receipts	626 00	809 00		183 00
Repairs of public buildings, appropriation	800 00	503 29	296 71	
Relief of indigent soldiers and sailors, appropriation	150 00			
Relief of indigent soldiers and sailors, receipts	145 50	132 00	163 50	
Town officers and committees, appropriation	900 00	1,122 59		222 59
Collection and abatement of taxes.	300 00	574 18		274 18
Miscellaneous expenses, appropriation	300 00			
Miscellaneous expenses, receipts	128 00	186 22	241 78	
Enforcement of liquor law, appropriation	150 00			
Enforcement of liquor law, receipts	322 06	117 11	354 95	
Care and improvement of cemeteries	200 00	201 31		1 31
Memorial day appropriation	50 00	58 26		8 26
Well at cemetery, North Chelmsford	125 00	130 02		5 02
Well at cemetery, South Chelmsford	50 00	60 75		10 75
Enlargement of cemetery, South Chelmsford	550 00	316 19	233 81	
Preparing military record of Chelmsford soldiers	75 00	28 00	47 00	
Transcribing ancient town records.	200 00	35 00	165 00	
Purchase of gravel bank, East Chelmsford	25 00		25 00	
Running village clock	30 00	30 00		
Hose, pipe, etc., for extinguishing fire at North Chelmsford.	500 00		500 00	
Damages for land taken by county commissioners for widening street at North Chelmsford		390 00		390 00
	$21,896 99	$20,214 47	$3,158 12	$1,475 60
		1,682 52		1,682 52
	$21,896 99	$21,896 99	$3,158 12	$3,158 12

Appropriation	$18,405 00
Receipts	3,491 99
	$21,896 99
Amount of orders	20,214 47
Surplus	1,682 52
	$21,896 99

EBEN T. ADAMS,
GEORGE F. SNOW,
MARTIN ROBBINS,
NEWELL E. PARKER,
ELISHA H. SHAW,
Selectmen.

AUDITORS' REPORT.

We have examined the accounts of the Treasurer for the year ending Feb. 28, 1893, and find his receipts and payments properly entered and vouched for, and a balance of cash in his hands amounting to sixteen hundred and twenty-two dollars and ninety-four cents ($1,622.94).

We have also examined the vouchers in the hands of the Selectmen, and find bills and receipts amounting to twenty thousand two hundred and fourteen dollars and forty-seven cents ($20,214.47), vouching for orders of the same amount drawn by them on the Treasurer and paid by him.

We find Assets:

Cash in Treasurer's hands		$1,622 94
Tax of 1891, uncollected	$ 916 14	
Accrued interest on same	64 12	
Tax of 1892, uncollected	2486 30	
Accrued interest on same	72 50	3,539 06
School books		175 75
Due from the State:		
For State aid to January, 1893	668 00	
State aid, January and February	141 00	
Relief to January, 1893	55 00	
Relief, January and Febuary	11 00	
Armory rent	100 00	975 00
Due from the county:		
For highway damages		600 00
		$6,912 75
And Liabilities:		
For Kimball fund and interest	$123 42	
Silver fund and interest	139 51	
Emerson fund and interest	210 60	
Marshall fund	100 00	
Unpaid bills, estimated	300 00	
Tax abatements, estimated	200 00	1073 53
Balance, assets		$5,839 22

ZIBA GAY,
E. F. RICHARDSON,
HENRY S. PERHAM,
Auditors.

CHELMSFORD, March 3, 1893.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX SS.

To either of the Constables of the Town of Chelmsford in said County, GREETING:

In the name of the Commonwealth aforesaid, you are hereby required to notify the legal voters of said Chelmsford to meet at the Town Hall, at Chelmsford Center on Monday the twentieth day of March current being the third Monday in said month, at nine o'clock in the forenoon, then and there to act on the following articles, viz:

ARTICLE 1. To choose a moderator.

ART. 2. To hear reports of town officers and committees, and act thereon.

ART. 3. To determine the manner of collecting the taxes.

ART. 4. To determine the manner of repairing the highways, townways, and bridges.

ART. 5. To choose all necessary town officers.

ART. 6. To act in relation to the list of jurors prepared by the selectmen.

ART. 7. To raise and appropriate such sums of money as may be required to defray town charges for the ensuing year.

ART. 8. To see if the town will authorize the treasurer to borrow such sums of money as may be required for the demands upon him, in anticipation of the taxes of the ensuing year, and payable therefrom.

ART. 9. To see if the town will vote to grant licenses for the sale of intoxicating liquors for the current year.

ART. 10. To see if the town will authorize the selectmen to act as its agent in any suit or suits which may arise during the ensuing year.

ART. 11. To see if the town will vote to accept the location of a townway, as laid out by the selectmen, beginning at a point near the

house of Chas. E. Bartlett, and running south about one hundred and thirty rods, on the lines of a discontinued townway, to the Acton road, or act in relation thereto.

ART. 12. At the request of Henry S. Perham, L. M. Dutton, Geo. A. Parkhurst, and others, to see if the town will elect a board of library trustees, and appropriate the money necessary to secure the gift of one hundred dollars' worth of books fron the State; thereby accepting the provisions of Chapter 347, Acts of 1890, or act in relation thereto.

ART. 13. At the request of N. B. Edwards, Arthur H. Sheldon, Geo. Hyde, and others, to see if the town of Chelmsford will relinquish to the proprietors of the Congregational Meetinghouse in North Chelmsford, its rights and interests in and to the buiding, now used by the Second Congregational Society in Chelmsford, as a vestry, together with the land on which it stands, or act in relation thereto.

ART. 14. To see if the town will accept the gift of two hundred dollars, in trust, from Jennie Blakeslee, as executrix under the will of J. H. M. Asmus, the income to be expended in care of the J. H. M. Asmus lot in North Chelmsford Cemetery, or act in relation thereto.

ART. 15. At the request of Wm. J. Quigley, E. H. Shaw, and others, to see if the town will vote to raise and appropriate a sum of money for the purpose of procuring additional settees for the Town Hall, at North Chelmsford, or act in relation thereto.

ART. 16. At the request of E. H. Shaw, N. B. Edwards, Hubert Bearce, and others, to see if the town will vote to raise and appropriate the sum of two hundred dollars for an evening school at North Chelmsford, or act in relation thereto.

ART. 17. To see if the town will vote to accept the location of a townway, known as Dartmouth Street, as laid out by the Selectmen, beginning at Middlesex Street, near the Lowell line in North Chelmsford, and running southerly, about four hundred and twenty-six feet to Princeton Street.

ART. 18. At the request of Hubert Bearce, Stewart Mackay, E. D. Bearce, and others, to see if the town will discontinue the old road from Dartmouth Street, to Middlesex Street, about two hundred and eighty feet, or act in relation thereto.

ART. 19. At the request of Henry S. Perham, and others, to see if the town will raise and appropriate a sum of money for the purpose of decorating the graves of our soldiers, in the several cemeteries, on the 30th of May next, or act in relation thereto.

AND YOU ARE DIRECTED to serve this warrant by posting up attested copies thereof at the Post Offices in the Center of the town, South Chelmsford, North Chelmsford, West Chelmsford, and at the Schoolhouse at East Chelmsford, ten days at least before the time appointed for holding said meeting.

HEREOF FAIL NOT, and make return of this warrant with your doings thereon, to the Town Clerk, at the time and place of holding the meeting aforesaid.

Given under our hands this ninth day of March, in the year of your Lord eighteen hundred and ninety-three.

EBEN T. ADAMS,
GEO. F. SNOW,
NEWELL E. HARKER,
MARTIN ROBBINS,
ELISHA H. SHAW,

Selectmen of Chelmsford.

I have served the foregoing warrent by posting up true an attested copies of the same at the places above mentioned, more than ten days before the day of holding said meeting.

JAMES P. EMERSON,

Constable of Chelmsford.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF CHELMSFORD, MASS.,

FOR THE

YEAR ENDING FEB. 28, 1893.

LOWELL, MASS.:
VOX POPULI PRESS: S. W. HUSE & CO.
1893.

REPORT OF THE SCHOOL COMMITTEE.

To the Citizens of the Town of Chelmsford:

In presenting our annual report, as required by the statutes of the Commonwealth, your committee has very little to say that is in any way new or of a different nature from reports before submitted. At the best our report is only a slight summary of the work of the board, which report is so fully covered by the report of the Superintendent of Schools, giving at more length and in fuller detail the work of the schools, with such suggestions as occur to him in his visits to the schools, that a report of the School Committee seems almost superfluous.

The year that has passed has been marked by, we think, a steady progress on the part of pupils in nearly all the schools, and has been especially so in the High Schools and in the larger graded schools. Your Committee has more reason to be pleased with the work done in these schools than ever before, and we believe that all the citizens of the town are of the same opinion, viz: that more

graded schools and less mixed ones are what should be sought for in the near future. The closing of the small schools, the providing room in the villages, the transporting of scholars in the out-lying sections to the graded schools in various villages, is, we believe, a thing that will be done at no distant day by our town, as it is done by most of the towns around us. When the Town does this, and establishes one High School with competent teachers, providing for transportation of scholars, wherever needed, then and not until then will the Town of Chelmsford have such schools as she should have and such as your children have a right to ask for and expect.

At the North Village, and by private subscription, an experiment has been tried during the last year, of having an evening school. Although not directly under the supervision of the School Committee, still the experiment has been carefully watched by them, and we believe it is a step in the right direction, and one that should be continued by the Town. Some idea of the work of the evening school may be taken from the following:

Sixty pupils were present at the opening, and more came in as the term grew older, until nearly eighty pupils were enrolled. The average attendance was about forty-five. The per cent. of attendance, as compared with schools of the same character, was above the average. Statistics show that the

low standard of fifty per cent. has been reached by considerable less than half the schools from which the attendance has been reported. The interest and enthusiasm manifested by the pupils is worthy of note. They endeavored to show by their conduct and work their high appreciation of the efforts being made by those interested in their welfare. This work can only be continued by a special appropriation by the town, which would place the evening schools under the supervision of the School Committee, and we would recommend an appropriation of two hundred dollars for this purpose.

With this report is submitted the report of the Superintendent of Schools, containing the detailed report of the state of the schools in Town, and we ask for it a candid perusal, and call attention to the many wise recommendations which he makes therein, feeling assured that his judgment is to be relied upon, as it is formed by his constant contact with the schools and personal observation of their needs.

J. A. BARTLETT, *Chairman,*
RILEY DAVIS, *Secretary,*
FRANK C. BYAM,
WILLIAM L. GORDON,
ORRIN PIERCE,
HUBERT BEARCE,
HENRY R. HODSON,
School Committee.

SUPERINTENDENT'S REPORT.

To the Chairman and Gentlemen of the School Committee:

I am happy to be able to report continued prosperity in our schools. The school year just closed ranks with the most prosperous within my experience as Superintendent. Not only has there been an absence of those disturbances which sometimes occur to break up or mar a term of school, but there has been a steady and substantial progress in the various studies, and apparently a healthy development of the mental and moral faculties of the scholars.

This I attribute to the competency and fidelity of teachers, the diligence of scholars, and last, but not least, the co-operation generally of parents. Where these conditions are all present, school failure is impossible; with either one of them absent, the school will be only a partial success. There certainly can be no question of the wisdom of that policy which would secure for our schools the best teachers, and only the best, that can be obtained. We want for teachers men and women who love their work; who can sympathize with children and youth, and understand their characters and their motives, as well as their actions. Character, as well as scholarship, is to be formed, and for such a work we need teachers who are not narrow-minded and selfish, but who are large-hearted, genial, and magnetic in their bearing; who will lead, not drive, their pupils, and who will inspire them with a love for school and for all that is noble and good. Personal character is more efficient than force in controlling the young; and those teachers whose daily bearing is an example which children may safely follow, and who can treat their pupils, associates, and patrons with that consideration which is due to ladies and gentlemen, are the teachers to whom parents can confidently entrust their children. I can cheerfully commend, generally, the spirit and progressive tendencies of our teachers; and I sincerely hope it will continue to be the policy of your Board to employ the best, and to encourage them to strive for excellence in their calling, by giving them a generous support.

TEACHERS.

The teacher's duties are not confined to the schoolroom. He has duties almost as important, out of it, as in it. It has been well said respecting clergymen, that the relation and the intercourse, which they hold with their people, during the six week days, determines the question whether or not they will do them any good on the seventh. And the relation which the teacher holds to the parents in the district goes far towards measuring the usefulness he can confer upon their children in the school. During the first weeks of the school, there should not only be a good understanding, but a friendiy intercourse, established between the teacher and parents. This it is the duty of

the parents to proffer. Their welfare, and the welfare of their children, requires it. Common hospitality requires it. The parents, then, should seek acquaintance and offer hospitality.

But if they are neglectful of this obvious duty of common politeness, still the teacher is not to keep his term through in ignorance of the people among whom he lives. He has a right, always, to call upon the committeeman. Through him he may seek acquaintance with others, make himself interesting to them by inquiring into the progress of their children, commending their conduct, when it is commendable, asking advice and assistance in reforming them when it is not. Parents love to have their children made the theme of conversation. Some of them would stop in the middle of a Thanksgiving dinner to enjoy that luxury. When a stranger evinces a sincere, generous, disinterested interest in the welfare of children, there are few hearts so selfish as not to throw open their iron doors and bid him a hearty welcome. Many occasions will occur when the teacher and parents will be thrown, as by chance, into each other's presence — in the street, at meeting, at a friend's house, or elsewhere.

The teacher must seize upon these occasions, show that he is interested in his work, prolong the interview, and excite their interest in the school. It is the teacher's duty, day after day, to toil in his school; week after week, if I may use a sailor's phrase, to pull at the rope; but what a difference it would make in the draught, should every parent in the district take hold and pull with him. Were all to take hold with him as one man, how easily as well as swiftly would the desired end be accomplished.

HOW TO INJURE A SCHOOL.

Before the school begins, express your fears that the teacher will not succeed; prophecy evil against him. When you have done this, you will see that your reputation for shrewdness may be lost if your predictions are not verified. After the school has commenced, you should inquire of the children, listen to all unfavorable stories, and believe them all. You will soon hear something to find fault with.

Call upon your neighbors, especially those whose children have been reprimanded or punished; ask them what they think of the school. The occasion may be a favorable one to express your fears that the school is unprofitable; your neighbor may not contradict you. After you have persuaded one individual to join with you, go boldly to another. Make your inquiries; state your fears, and say that *Mr. A.* is dissatisfied. The leaven of discontent will now probably diffuse itself without difficulty. It would not be well to say anything to the teacher about any proceedings in school of which you complain, for she might succeed in convincing you that they are proper; or if not, she might correct them in future. If your boy should get whipped for *nothing*, you can take him with you some evening to the neighhors. *All* can see that a boy who has attended school may know more about it than a man who has not. Your boy has *felt* the evils of bad government; his wrongs may excite sympathy; his testimony against the teacher is decided, and to be relied upon. Say the teacher is *partial;* she does not let every child stand at the head of the class at the same time; some read before others, and some not till after. She lets some sit on the back seats, and others on the

front seats; she reprimands some scholars more than she does others, and some, perhaps, she has not punished at all. Say your children learn nothing; *they will try hard* to prove that you speak the truth. Say that the school is noisy, and that a parent should be obeyed rather than a teacher. You may thus, reader, spoil any school.

The glory and honor will be your own; and you, and your children after you, may reap the reward.

DISCIPLINE.

No serious cases of discipline have been brought to my notice during the year. With a few exceptions the management of the schools has been harmonious and satisfactory. We have not been able to get along without corporal punishment, nor, I fear, shall we be able to do so until a change comes over the spirit of some of our boys. Love does not enter half so much into their understanding, I am sorry to say, as fear, and it is only through the latter that some can be made obedient to the rules and submissive to authority.

In the ideal school of ideal boys and girls there will be no corporal punishment, but with human nature as it is, I believe that its abolishment would lead to greater evils. Our school teachers are men and women of education and refinement, and are supposed to administer punishment in justice and moderation; if they do not, they should not be maintained in their position a moment longer than such fact is ascertained.

Parents have a right to seek explanation in regard to the conduct and scholarship of their children, and it should be given them with cheerfulness and courtesy; if not satisfied with the explanation of teacher and Superintendent, an appeal to the School Committee is always open to them.

THE PRESENT TEACHING FORCE.

There has been an unusual number of changes in our corps of teachers during the year. In all these changes such care has been exercised to get the right teacher in the right place that the efficiency of our teaching force has decidedly increased. Some, whose work could hardly be called successful at the beginning, are doing well now. And those who did well then are doing much better now. In fact the first essential of a good teacher is capacity for improvement. As a whole, the schools are in better condition than they were a year ago. In some, in which the same teachers have continued, the gain is marked.

TEXT-BOOKS.

But one change in text-books has been made, and this is one that has long been considered desirable. At the beginning of the spring term "Southworth and Goddard's Lessons in Language and Grammar" were put into the Grammar, Intermediate, and Mixed Schools. The year's work, I think, has fully demonstrated the practical character of these books, and I shall be greatly disappointed if we do not see, in due season, great improvement in this branch of study throughout all these schools.

In language, perhaps, more than in any other study, clearness of comprehension and interest on the part of the pupil depends upon the teacher. Therefore, with the best of text-books, this study may partly fail for want of a thorough and enthusiastic teacher. With such a teacher a text-book might almost be laid aside. I think these

books will supply everything needed in this department. The cost of books and supplies, and the disbursements to the several schools, are shown by the following table:

Books and supplies on hand March 1, 1892	$153 16
Expended for books	373 01
Expended for supplies	280 60
	$806 77

BOOKS AND SUPPLIES FURNISHED.

High School, No. 1	88 15
Grammar School, No. 1	51 10
Intermediate School, No. 1	43 25
Primary School, No. 1	25 60
Mixed School, No. 2	13 10
Mixed School, No. 3	28 30
Mixed School, No. 4	32 05
Mixed School, No. 5	22 90
Mixed School, No. 6	40 00
High School, No. 8	75 15
Grammar School, No. 8	69 87
Intermediate School, No. 8	45 10
Primary School, No. 8	36 20
Grammar School, No. 9	35 50
Primary School, No. 9	24 75
Books and supplies, on hand	175 75
	$806 77

MIXED SCHOOLS.

The mixed schools have been unfortunate, so far as the matter of frequent shifting of teachers is concerned. Changes occurred in Nos. 2, 3, 4, and 5 during the year. As every one knows, it is an almost impossible thing to secure as good results in these as in the graded schools. The teachers were diligent and faithful, and some of them accomplished *superior* work. It is an undoubted fact that every young person of ordinary mental capacity

can acquire a stock of text-book knowledge adequate to the routine of the common schools. At the same time it is equally true that the faculty of imparting even that knowledge, in the most profitable way to pupils, is so rare as to be nearly allied to genius. That mental traits and habits besides those that can be *acquired* are necessary to the highest success, has often been made evident to me by cases which have come under my observation where good literary qualifications, seconded by a maximum of honest effort, have produced a minimum of desired results. Nature, having a hand in the matter, has not been lavish in the creation of true teachers. Recognizing this fact, we should learn not to place our standard or expectations so high that *genius* only can satisfy them.

PRIMARY SCHOOLS.

To the primary schools I have given careful observation, both on account of their importance in the system, and for the reason that the teachers of these schools have seemed to invite inspection and advice. There are no more painstaking and faithful workers in our corps of teachers than are to be found in our primary schools.

Observation is the underlying principle of primary teaching. The teacher stands before her class and the primer chart, crayon in hand, and every new word on the chart is written on the blackboard. Every such word is developed for and by the child until, heard and seen in all the relations and connections which his mind can grasp, it becomes fixed in his memory. Not only does he see them written, but he writes them himself, and seeing them written correctly, he spells them correctly. Thus to see is to read, and to write is to spell, and it will

remain true for the rest of his school life. He learns numbers and the relation of numbers at the same time, by seeing them before him on a table, and evolving from them their possible combinations. These combinations include what was once known as addition, subtraction, multiplication, and division, taught separately, when arithmetic was something to remember and not to see, but now and henceforth to be taught together, whether the child combines and separates five units or fifty. And after a day of such work he goes home, thinking that he has been playing with blocks, and all work in school to him is play, and play is work. In such a school there is no idle hour, no learning and reciting by rote, no undue mental strain, but a constant activity in the direct line of the child's mental capacity. His mind grows, as his body, *unknown* to himself, and this natural mental growth is the *true* education.

INTERMEDIATE SCHOOLS.

These schools have been doing about the same work as usual, and have been doing it well. Technical grammar has been dropped entirely from this grade, and a more extended language course adopted. The teachers have tried to make their work more practical, to train the reasoning powers as well as the memory of the pupils.

Work is the essential thing to improve our schools. In some way we must arouse the ambition of pupils. This can best be done by the co-operation of parents, and sharp attention on the part of teachers. "*Work, you rogues,*" was the rousing charge of John Adams to his children in school. The talismanic word is *work*, WORK.

GRAMMAR SCHOOLS.

A very perceptible improvement has been made in the work of the grammar schools. It is broader and more practical, and the pupils are more reliable and self-reliant. Their available knowledge and better disciplined powers promise for them higher success, whether they go from this grade to the high school, or to the business and duties of practical life. The change of text-books in grammar has thus far proved a very acceptable one, and although it is yet too early to judge conclusively of the work by results, there is every reason to believe that more intelligent progress is being made.

HIGH SCHOOLS.

Our high schools are accomplishing good work; their course has not been a backward one by any means. They now have teachers who thoroughly understand the subjects taught, and have the ability to impart their knowledge to others. The pupils in these schools are fortunate in being under the tuition of such instructors.

The material for two high schools, with our limited number of scholars, is not easily supplied in the form which would establish an ideal high school. Many of the pupils who are allowed to enter, if a homogeneous company could be secured, would be kept back at least a year in the grammar school department. In this, however, we have no option; and in order to secure a fair distribution of labor, scholars are passed from the grammar to the high school more rapidly than they would be were pupils of this grade more numerous.

At the close of the spring term a class was graduated from each high school. The graduating exercises were

held in the local Town Halls, and attended by large and appreciative audiences. As they were of unusually interesting character, I have thought it not amiss to give in these pages the order of exercises, and suggest that the custom be continued. All such details are, or will be, of value as local history, and, it may be, will stimulate some of our citizens (who are now devoting much misdirected energy to collecting farmers' almanacs) to preserve these Annual Reports, and hand them down to future generations:

Graduation Exercises of the Centre High School, Class of 1892, *at Town Hall, Thursday Evening, June* 23, 1892.

MARCH — Home from Camp . . . . . *Catlin*
ORCHESTRA.

INVOCATION.

FESTIVAL OVERTURE . . . . . *Gatann*
ORCHESTRA.

SALUTATORY ESSAY — "What We Have Gained."
MISS IDA. E. MELVIN.

CORNET SOLO — "In Old Madrid."
MASTER G. T. PARKHURST.

RECITATION — "Youth."
MISS ALICE M. STEARNS.

ESSAY — Chelmsford in 1992. A Dream. *Written by Class of* '93
MASTER RALPH W. EMERSON.

SOLO — "Love's Sorrow."
MR. FRANK A. EMERSON.

RECITATION — "Mustered Out."
MISS GRACE E. MANSFIELD.

DUET — "Edenland."
MISS LILLIAN WARREN, MR. E. E. ADAMS.

ESSAY — "History and Prophecy."
MISS FLORENCE M. CUMMINGS.

SELECTION.
ORCHESTRA.

ESSAY — "The Romance of Words."
MISS GRACE E. MANSFELD.

SOLO — "I Watch Thee from Afar."
MR. E. E. ADAMS.

VALEDICTORY ESSAY — "Practice is Better than Precept."
MISS H. GERTRUDE FULTON.

SELECTION.
ORCHESTRA.

PRESENTATION OF DIPLOMAS.

PARTING ODE.
GRADUATES.

Florence Marion Cummings, Grace Elma Mansfield.
Helen Gertrude Fulton, Ida Estella Melvin.

Graduation Exercises of the North Chelmsford High School, Class of 1892, *at Town Hall, Friday Evening, June* 24, 1892:

MUSIC.
ORCHESTRA.

INVOCATION.
REV. S. I. BRIANT.

SALUTATORY AND ESSAY — "Tendency of Modern Education."
FANNIE G. HOLT.

ESSAY — "Omisions."
BLANCHE L. SAMPSON.

MY IDEAL . . . . . *Eilenberg*
ORCHESTRA.

ORATION — "Self Development."
G. WALTER MONEGAN.

CLASS ESSAY — "Silent Influences."
MAY D. SLEEPER.

UNTER DEN LINDEN . . . . . *Hermann*
ORCHESTRA.

ESSAY — "Value of Character."
LUELLA G. MERRILL.

SONG — Farewell.
CLASS.

ORATION — "Influence of Art."
JOSEPH E. MARSHALL.

PROPHECY AND ESSAY — "Attention an Element of True Success."
CECELIA A. MARINEL.

WALTZ — Selected.
ORCHESTRA.

CLASS ORATION — "Governments, Ancient and Modern."
CHARLES E. HYDE.

ESSAY — "Landmarks" — with Valedictory.

LULU G. SPALDING.

CONFERRING OF DIPLOMAS, by the Superintendent.

ADDRESSES.

SINGING OF CLASS HYMN.

GALOP — Selected.

ORCHESTRA.

GRADUATES.

Fannie Gertrude Holt.
Charles Edward Hyde.
Cecelia Annie Marinel.
George Walter Monegan.
Luella Gertrude Merrill.
Joseph Edward Marshall.
May Douglas Sleeper.
Blanche Lillian Sampson.
Lulu Grace Spalding.

DRAWING.

The course in form-study and drawing, according to the plans used in the Prang series of books, commenced last year, has been continued. The children in the primary schools begin by studying the simplest form, the sphere; they handle a sphere, talk about it, and finally make one of clay. In the same manner they study all the simple forms, and then draw them. No time is wasted in drawing mere lines which mean nothing; but from the beginning to the end of the course the pupil is set to work every time to *express* something, to make a true picture of some object that is before him, or that is in his mind, and he is taught never to draw a line that does not represent an idea. Thus from the beginning we teach drawing as a mode of language, or as a means of expressing ideas; and the children learn first to observe things accurately, and then to make their fingers tell what their minds have learned. Drawing is the first step in manual training, and the only step in that direction

that can be profitably taken in all our schools. It has been too long neglected in Chelmsford, and we should try in future to see that our children shall not miss this valuable means of culture.

MISCELLANEOUS SELECTIONS.

"Next to moral excellence, good reading is the finest ornament which can grace a school. It is the very foundation of intellectual acquirements and accomplishments."

"Some of our teachers, who have a natural aptness for their work, make the schoolroom a very paradise for the little folks entrusted to their care. Habits of order and neatness are inculcated, politeness of manners encouraged, and their morals are carefully looked after."

"Our wealth is in the mines of intellect that lie hidden in the popular body, and not in the gold, silver, and iron, even though the national domain stretch over vast continents that rest on golden foundations."

"There must be system and there must be order; a school that is lacking in either of these is a failure at the start. But let the essence of the system center, not in monotonous sameness, but in ever fresh variety; and let order be secured, not through the forced sit-still method, but through the self-forgetful attention which genial and interesting processes of instruction will produce."

"The hope of the future, with reference to the great evils that now exist in the community and in the country, is in the training of the young to right principles of action. It has been truly said, 'A man can make a fortune in a day; but a great moral purpose is a thing of time. It must begin in the boy or the girl.'"

"We need in our country to-day men and women of integrity rather than of high intellectual attainments. Let it not be forgotten that in our schools moral training has its place as well as intellecual training."

THE GOOD SCHOLAR.

In the first place, he is *punctual*. He will never be absent from school unless it is absolutely necessary. He will be there at the hour, nay, at the precise minute;

because he knows that it is very important to the order of the school and still more important as a habit for himself. The boy who is behindhand here is almost sure to be behindhand in everything *all his life.*

He who is slack, tardy, and irregular in attendance here, will not only be a poor scholar, but it is a pretty certain sign that he will always be slack and irregular. The good scholar will be *diligent* in his studies. His lessons are his work, and like other work, at any age, he must do it with all his heart and might, or he will do it poorly. A lazy boy makes a lazy man, and that makes a poor creature, whether boy or man. The good scholar will be *obedient.* He will be careful to observe all the rules of the school and orders of the teacher. He knows that his place is to obey, and, by his good example and influence in the school, to be an assistance and a source of satisfaction and relief to his teacher. It is a great happiness to the teacher and an excellent sign in a school, when compulsion and punishment are not found necessary. I have described to you the good scholar. Let that be your mark.

I say to each one, *be you* that boy I have described; do *you* be punctual, diligent, obedient, civil, kind, true and orderly in your whole deportment. *Do your duty*, boys; there is nothing like that for your honor and happiness. Do your duty to the town, your teachers, parents, and one another. Do your duty *here*—that is the manliest thing—and a blessing will follow you here, and hereafter.

CONCLUSION.

The present aspect of school affairs, while full of encouragement, is an urgent reminder of the responsibil-

ities resting upon those whose business it is to labor for the maintenance of the ground already occupied, and to push for a still higher position. We can not afford to relax our efforts, nor should we underestimate the dangers that arise from too great a sense of security. It is no *child's* play to accomplish the assigned task of solving, in the best way, the educational problem that confronts us. Our entire working forces should harmoniously contribute to the one purpose of subserving the highest good of the youth and children committed to our care. To this end all legitimate means should be employed, a generous public spirit invoked, and every agency bearing upon the accomplishment of this important mission pressed into service.

The time seems to have come when, by a wise action on the part of the people, a rapid growth in the population of the town may be secured. Good schools may become one of the greatest inducements for industrious, intelligent, public-spirited people to settle among us. Gathering such wisdom and inspiration as is possible from the past, patriotic citizens may well set their faces toward the *future* and *press on.*

I take this opportunity to thank the Committee, the teachers, and the citizens for the co-operation and support which they have given to my efforts to improve the schools, and for the kindness which I have experienced in all my relations with them.

Respectfully submitted,

GEO. F. SNOW.

Superintendent of Public Schools.

CHELMSFORD, March 7, 1893.

ROLL OF HONOR.

CENTRE HIGH SCHOOL No. 1.

Not Absent or Tardy for One Year and Two Terms—Alice M. Stearns, Edwin L. Stearns.

Tardy once but not Absent for One Year and Two Terms—Jessie M. Holt.

Not Absent or Tardy for Two Terms—Ednah F. Byam, Ralph W. Emerson, G. Thomas Parkhurst, Mary B. Bartlett.

Not Absent or Tardy for One Term—Arthur E. Dutton, Arthur A. Harmon, Carl M. Mansfield, Edward J. Robbins, Annie M. Wood.

CENTRE GRAMMAR SCHOOL No. 1.

Not Absent or Tardy for One Term—Ralph Stearns, Florence Hammond, Stanley Cotton, George French, Michael O'Day, Arnold Perham.

Not Absent but Tardy for One Term—Estelle Hutchinson, Eva Hutchins, Karl Perham, Emely Adams.

Not Absent or Tardy for Two Terms—Harold Davis, Hawthorne Howard, Ethel Ober, Ralph Stearns, Charles Holt, Grace Parkhurst, Belle Adams, Herbert Byfield, Marion Emerson, Stanley Cotton, Michael O'Day.

Not Absent but Tardy—Karl Perham, Herbert Byfield.

INTERMEDIATE CENTRE SCHOOL No. 1.

Not Absent or Tardy for One Term—Ever M. Briggs, Perley R. Kidder, Lawrence E. Marshall, Sadie D. Wright, Arthur G. Wright, Maud H. Perham, Eva A. Perham, Arthur I. Hill.

Not Absent or Tardy for Three Terms—Ralph P. Adams, Arthur E. Adams, Olive G. Eaton, Fred W. Holt.

CENTRE PRIMARY SCHOOL No. 1.

Not Absent or Tardy for One Term—Willie Adams, Bertha Bartlett, Louise Adams, Alice Brennan, Minnie Brennan, Paul Davis, Emma Glidden, Levi Howard, Harlan Knowlton, Maud Knowlton, Lester Stearns, Ivar Nilsson, Walter Smith.

Not Absent or Tardy for Two Terms—Willie Adams, Louise Adams, Paul Davis, Ella Knowlton, Harlan Knowlton, Lester Stearns.

Not Adsent or Tardy for The Year—Paul Davis, Harlan Knowlton, Willie Adams.

MIXED SCHOOL No. 2.

Not Absent or Tardy for Two Terms—Nora McDonald, Rachel Marshall.

Not Absent for One Term—Eliza Spaulding.

MIXED SCHOOL No. 3.

Not Tardy for One Term—Sydney E. Dupee, Alta B. Byam, Lucy H. Byam, Hattie M. Emerson, Albert Holtam, Arthur Mansfield, Pansy R. Paignon, John A. Redmond.

Not Absent for One Term—John B. Emerson, Sydney E. Dupee, Libbie Byam.

Not Absent or Tardy for One Term—John H. Cooper, Geo. Garland Byam.

MIXED SCHOOL No. 4.

Not Absent for One Term—Inez Kimball, Elmer Kimball, Belle Gould, Stewart Redman, Eddie Redman.

Not Absent for Two Terms—Ada Kimball, Walter Kimball, Willie Robbins, Walter Redman.

Not Absent for The Year—Frank A. Melvin.

MIXED SCHOOL No. 5.

Not Absent or Tardy for One Term—Arnold Byam, George A. Byam, Ray Byam.

MIXED SCHOOL No. 6.

Not Absent for One Term—Mary Dix, Mary Devine, Perle Dyar.

HIGH NORTH SCHOOL No. 8.

Not Absent or Tardy for One Term—Lillie M. Sweat.

Not Absent for One Term—Frank B. Small.

GRAMMAR NORTH SCHOOL No. 8.

Not Absent for One Term—Thomas McTague, Walter Marinell, Arthur Wheeler, George Swain, Abbie Butterfield, Lizzie Larkin, Sadie Leahey, Tessie McCabe, Rosie McCabe, Mary Mc Mahon, Loretta O'Neal, Winnie Quirk, Bessie Moore, Cora Pearson, Frances McEnaney, Florence Sampson.

Not Absent for Two Terms—Carrie Cook, Maggie Dunigan.

INTERMEDIATE NORTH SCHOOL No. 8.

Not Absent or Tardy for One Term—Mary B. Howard, Maud Wright, George Jutras, Ina Lumbert.

Not Absent for One Term—Maud Wright.

Not Tardy for One Term—Percy Fisher, George McEnnis, Hattie Cook, Nellie McCabe, Lillian Seymore.

Not Tardy for Two Terms—Mary Tobin.

PRIMARY NORTH SCHOOL No. 8.

Not Absent or Tardy for One Term—M. Emma Cook, Carrie Bridgford, C. Estella Howard, Blanche Wright, George Jutras, Rupert Ripley, Owen Sherlock, Herbert Warden, Fred Cook, Ralph Clark, Florence Queen.

Not Absent or Tardy for Two Terms—Loretta Ward, Lester A. Worden.

Not Absent or Tardy for the Year—Esther Bearce, Stewart Mackay, Walter Worden, Chester A. Worden.

GRAMMAR SCHOOL No. 9.

Not Absent or Tardy for One Term—Florence Winship, M. Etta Gill, Nina Dane, Axel Swanson, George N. Quessy.

Not Absent but Tardy for One Term—Helen Knowles.

Not Absent or Tardy for Two Terms—Cora G. Daw, John A. Chapman.

PRIMARY SCHOOL No. 9.

Not Absent but Tardy for Two Terms—Gertrude Abrahamson.

Not Absent but Tardy for One Term—Willie Flynn.

Not Absent or Tardy for Two Teams—Alice Cunningham, Millie Dunn, Stella Daw, Harry Daw, Gust Swanson.

Not Absent or Tardy for One Term—Clara Baird, Sarah Boynton, George Knowles, Charlie Martin, Charlie Abrahamson, George Cunningham, Patsy Flynn, Emma G. Holt, Tommy Dunn.

STATISTICAL TABLE OF SCHOOLS IN THE TOWN OF CHELMSFORD, MASS.

FOR THE YEAR ENDING FEB. 28, 1893.

SCHOOLS.	No. of School.	TEACHERS.	SPRING TERM.								FALL TERM.							
			Months.	Days.	No. registered.	Av. attendance.	Under 5 years.	Over 15 years.	Between 8 and 14.	Wages pr month.	Months.	Days.	No. registered.	Av. attendance.	Under 5 years.	Over 15 years.	Between 8 and 14.	Wages pr month.
High, Centre	1	Susie M. Emerson	3		37	34.11		20	5	$68 00	3		30	27.37		20	3	$72 00
Grammar, Centre	1	Edith W. Emerson	3		40	34.89			38	36 00								
Grammar, Centre	1	May E. Parkhurst									3		41	37.13			28	36 00
Intermediate, Centre	1	Carrie L. Adams	3		34	26.7			34	36 00	3		34	28.96			34	36 00
Primary, Centre	1	Hattie A. Snell	3		47	37.51			13	36 00								
Primary, Centre	1	Lillian L. Sproat									2	15	56	43.95			22	36 00
Mixed	2	Blanche Bassett	3		14	11.79			7	32 00								
Mixed	2	Isabelle A. Nauss									3		16	11.86			9	32 00
Mixed	3	Celia P. Battles	3		21	17.10+			10	34 00								
Mixed	3	Mary W. Baker									3		19	15.51+			10	34 00
Mixed	4	Fannie Flanders	3		21	18.53		2	11	34 00	3		22	18.63+		3	11	34 00
Mixed	5	Ida E. Byam	2	17	14	11.063+			7	32 00								
Mixed	5	Harriet Witherell									3		12	10.766+			7	32 00
Mixed	6	Helen Hadley	3		41	33.05			18	36 00	3		41	34.7			19	36 00
High, North	8	John Q. Hayward	3		22	18.49		12	1	84 00								
High, North	8	Arthur W. Trubey									3		27	24.80		9	7	84 00
Grammar, North	8	Winifred Miller	3		38	35.33		2	36	36 00	3		41	38.33		2	36	36 00
Intermediate, North	8	Ellen A. Cook	3		42	34.+			35	36 00	3		33	27.+			26	36 00
Primary, North	8	Laura G. Hoyt	3		53	46.81			14	36 00	3		47	36.96			12	36 00
Grammar, West	9	Ella Hutchinson	3		24	19.98			21	36 00	3		20	17.66			19	36 00
Primary, West	9	Agnes Naylor	3		35	31.+			9	36 00	3		42	31.+			16	36 00
Total Schools, 15.		Teachers, 15.	44	17	488	410.353		36	259		46	15	481	404.626		34	259	

Statistical Table of Schools in the Town of Chelmsford, Mass. (Continued)

SCHOOLS.	No. of School.	TEACHERS.	WINTER TERM.								THE YEAR.					
			Months.	Days.	No. registered.	Av. attendance.	Under 5 years.	Over 15 years.	Between 8 and 14.	Wages pr month.	Months.	Days.	No. registered.	Av. attendance.	Wages of teachers.	Per cent. of att.
High, Centre	1	Susie M. Emerson	3		29	23.64		23	3	$72 00	9		38	28.37	$636 00	95.5
Grammar, Centre	1	May E. Parkhurst	3		42	33.958			30	36 00	9		42	35.328	324 00	94.3
Intermediate, Centre	1	Carrie L. Adams	2	15	31	20.18			31	36 00	8	15	35	25.28	315 00	80.25
Primary, Centre	1	Lillian L. Sproat	3		53	35.44			22	36 00	8	15	59	38.96	315 00	90.49
Mixed	2	Isabelle A. Nauss	3		14	10.22			10	32 00	9		20	11.272+	288 00	89.9
Mixed	3	Mary W. Parker	3		21	15.58+			11	34 00	9		25	15.06+	324 00	85.+
Mixed	4	Alice I. Smith	3		21	16.65+		3	13	34 00	9		25	17.94+	306 00	93.14+
Mixed	5	Harriet Witherell. Grace E. Mansfield.	2	16	12	9.308+			7	32 00	8	13	14	10.37+	278 40	88.3+
Mixed	6	Helen Hadley	3		38	28.45			18	36 00	9		45	32.06+	324 00	81.8+
High, North	8	Arthur W. Trubey	3		28	24.15		10	7	84 00	9		26	22.48	756 00	91.04
Grammar, North	8	Winifred Miller	3		37	32.66		2	36	36 00	9		38	35.33	324 00	91.11
Intermediate, North	8	Ellen A. Cook	3		32	26.			32	36 00	9		42	29.22	324 00	89.4
Primary, North	8	Laura G. Hoyt	3		40	29.43			12	36 00	9		66	37.73	324 00	89.+
Grammar, West	9	Ella Hutchinson	3		23	17.53			19	36 00	9		24	18.39+	288 00	91.+
Primary, West	9	Agnes Naylor	3		40	31.+			20	36 00	9		49	31.+	324 00	90.+
Total Schools, 15.		Teachers, 15.	43	31	461	354.196		38	271		132	43	548	388.79+	$5,450 40	89.34+

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